



Umer Khaiyam

Electrical Engineer

To utilize my knowledge and skills with maximum potential in a challenging and dynamic environment to achieve targets. Providing my useful contribution for uplifting the organization I am working in with utmost dedication and for the development of my skills, knowledge and experience.

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📍 House No # 776 Block 8 Azizabad F.B Area, Karachi, Pakistan

WORK EXPERIENCE

MANAGEMENT COORDINATOR

MN Textiles Pvt Ltd

12/2019 – Present

Karachi

Fabric Processing, Dyeing and Printing Mill

Tasks and Achievements

- Coordinate with production and maintenance team for smooth performance and maximum production. Ensure optimum performance of machinery and utility equipment.
- Monitor utility and production reports and coordinate with costing and finance teams.
- Intimate production department regarding any abnormal utility consumption of a machine.
- Conduct data analysis to determine trends in performance and productivity for improvements in overall performance. Identify loopholes in systems and conduct root cause analysis to consistently improvise.
- Carry out feasibility study for future projects to reduce operational and production costs.
- Successfully completed feasibility analysis of waste heat recovery system from Jenbacher gas engines from Jacket water and exhaust flu gases.
- Designed standards and parameters for machine efficiency and performance audits to ensure sustainability and maximum efficiency in normal and peak loads.
- Prepare concise reports regarding cost analysis, savings and payback for CEO for planning and implementation of projects. Provide technical support to CEO regarding project feasibility, operations and maintenance.
- Monitor and supervise machine erections and prepare progress reports for top management.

TRAINEE ENGINEER

ACE Insulation Products

07/2019 – 08/2019

Karachi

Manufacturers of Rockwool

Tasks and Achievements:

- To study the system, design and operation of Basalt melting furnace.
- Planning and undertaking scheduled maintenance and responding to breakdowns and diagnosing faults.
- Supervise engineering and technical staff for repairing of equipment and smooth running of machinery.
- To maintain the record of raw materials, finished goods and spares.
- To develop SOPs, policies and organizational system.
- To plan, develop and implement the system of inventory, production and warehousing.

EDUCATION

M.B.A (Project and Industrial Management)

University of Karachi

2019 – Present

B.S Electrical Engineering

Sir Syed University of Engineering and Technology

2015 – 2019

2.85 CGPA

Intermediate

Bahria College Karsaz

2013 – 2014

A Grade

Matriculation

Practical Schooling System

2011 – 2012

A1 Grade

PERSONAL PROJECTS

Contingency Analysis of K-ELECTRIC EHT Network Using ETAP, Loss Calculation and Improvement Plan

CERTIFICATES

Power System Protection (06/2018)

Fundamentals of Protection Philosophy and Electrical Equipment Protection

Control Technology (01/2018)

Programmable Logic Controllers, Pneumatics, Electropneumatics, Hydraulics

SKILLS

Electrical Transient Analysis Program (ETAP)

Project Management

PLC

Pneumatics

Electropneumatics

Hydraulics

Technical Reports

Communication Skills

Time Management